

Carsten Perka

List of Publications by Year in descending order

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Version: 2024-02-01

390
papers

13,695
citations

20817

60
h-index

43889

91
g-index

488
all docs

488
docs citations

488
times ranked

12178
citing authors

#	ARTICLE	IF	CITATIONS
1	Total hip arthroplasty for destructive septic arthritis of the hip using a two-stage protocol without spacer placement. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 19-28.	2.4	7
2	Fixation stability and implant-associated complications in periacetabular osteotomy: a comparison of screw and K-wire fixation. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 691-697.	2.4	4
3	Injectable autologous chondrocyte implantation in acetabular cartilage defects: 2-year minimum clinical and MRI results. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 739-747.	2.4	5
4	Mechanical failure of total hip arthroplasties and associated risk factors. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1061-1069.	2.4	1
5	The role of biopsy in diagnosing infection after hip and knee arthroplasty: a meta-analysis. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 1779-1792.	2.4	6
6	Cure rate of infections is not an argument for spacer in two-stage revision arthroplasty of the hip. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 2199-2207.	2.4	1
7	Correction of severe valgus osteoarthritis by total knee arthroplasty is associated with increased postoperative ankle symptoms. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 527-535.	4.2	8
8	Diclofenac for prophylaxis of heterotopic ossification after hip arthroplasty: a systematic review. HIP International, 2022, 32, 144-151.	1.7	4
9	The subjective knee value is a valid single-item survey to assess knee function in common knee disorders. Archives of Orthopaedic and Trauma Surgery, 2022, 142, 1723-1730.	2.4	7
10	Bacterial contamination of irrigation fluid and suture material during ACL reconstruction and meniscus surgery. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 246-252.	4.2	6
11	Significant increase in quantity and quality of knee arthroplasty related research in KSSTA over the past 15 years. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 1239-1249.	4.2	6
12	The Diagnosis and Treatment of Acetabular Bone Loss in Revision Hip Arthroplasty: An International Consensus Symposium. HSS Journal, 2022, 18, 8-41.	1.7	12
13	Candida periprosthetic joint infections – risk factors and outcome between albicans and non-albicans strains. International Orthopaedics, 2022, 46, 449-456.	1.9	10
14	Breakage of intramedullary femoral nailing or femoral plating: how to prevent implant failure. European Journal of Medical Research, 2022, 27, 7.	2.2	5
15	Failure Analysis in Multiple TKA Revisions – Periprosthetic Infections Remain Surgeons' Nemesis. Journal of Clinical Medicine, 2022, 11, 376.	2.4	11
16	Prevention of Periprosthetic Joint Infection in Total Hip and Knee Replacement: One European Consensus. Journal of Clinical Medicine, 2022, 11, 381.	2.4	5
17	Two-stage exchange for PJI with co-existing cerclages for fracture: higher rates of early re-infections and difficult to treat microbes. Archives of Orthopaedic and Trauma Surgery, 2022, , 1.	2.4	0
18	Intramuscular and intratendinous placenta-derived mesenchymal stromal-like cell treatment of a chronic quadriceps tendon rupture. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 434-442.	7.3	3

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19	Local infiltration analgesia versus peripheral nerve block anaesthesia in total knee arthroplasty: a pharmaco-economic comparison. <i>BMC Anesthesiology</i> , 2022, 22, 80.	1.8	1
20	Outcome and Failure Analysis of 132 Episodes of Hematogenous Periprosthetic Joint Infectionsâ€”A Cohort Study. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac094.	0.9	14
21	Resident memory CD4 ⁺ T lymphocytes mobilize from bone marrow to contribute to a systemic secondary immune reaction. <i>European Journal of Immunology</i> , 2022, 52, 737-752.	2.9	6
22	Major Shortening of the Patellar Tendon During Septic Two-Stage Knee Arthroplasty Revision Using Static Spacers. <i>Journal of Arthroplasty</i> , 2022, 37, 1851-1857.	3.1	4
23	Clinical evaluation of dithiothreitol in comparison with sonication for biofilm dislodgement in the microbiological diagnosis of periprosthetic joint infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2022, 103, 115679.	1.8	5
24	Extended Trochanteric Osteotomy with Intermediate Resection Arthroplasty Is Safe for Use in Two-Stage Revision Total Hip Arthroplasty for Infection. <i>Journal of Clinical Medicine</i> , 2022, 11, 36.	2.4	5
25	Source and hub of inflammation: The infrapatellar fat pad and its interactions with articular tissues during knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1492-1504.	2.3	14
26	Is a preoperative pathogen detection a prerequisite before undergoing one-stage exchange for prosthetic joint infection of the hip?. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	2.4	1
27	Serum and Synovial Markers in Patients with Rheumatoid Arthritis and Periprosthetic Joint Infection. <i>Journal of Personalized Medicine</i> , 2022, 12, 810.	2.5	3
28	Synchrotron-based characterization of arthroprosthetic CoCrMo particles in human bone marrow. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, .	3.6	6
29	The Impact of the Laterality on Radiographic Outcomes of the Bernese Periacetabular Osteotomy. <i>Journal of Personalized Medicine</i> , 2022, 12, 1072.	2.5	1
30	Modified acetabular component liner designs are not superior to standard liners at reducing the risk of revision. <i>Bone and Joint Journal</i> , 2022, 104-B, 801-810.	4.4	2
31	Laminar air flow reduces particle load in TKAâ€”even outside the LAF panel: a prospective, randomized cohort study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3641-3647.	4.2	10
32	Reaction time and brake pedal force after total knee replacement: timeframe for return to car driving. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3213-3220.	4.2	5
33	Failure analysis of infection persistence after septic revision surgery: a checklist algorithm for risk factors in knee and hip arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 577-585.	2.4	5
34	Preoperative synovial fluid culture poorly predicts the pathogen causing periprosthetic joint infection. <i>Infection</i> , 2021, 49, 427-436.	4.7	29
35	Epidemiology of proximal femoral fractures. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 12, 161-165.	1.5	13
36	Recommendations for return to sports after total hip arthroplasty are becoming less restrictive as implants improve. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 497-507.	2.4	18

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37	Facing metaphyseal bone stock defects: Mid- and longterm results of cones. <i>Journal of Orthopaedics</i> , 2021, 23, 31-36.	1.3	0
38	Knieendoprothetik: Revisionsendoprothetik in der aseptischen Situation. <i>Springer Reference Medizin</i> , 2021, , 1-30.	0.0	0
39	Is transverse screw fixation really necessary in PAO?â€”A comparative <i>in vivo</i> study. <i>Journal of Hip Preservation Surgery</i> , 2021, 8, 125-131.	1.3	6
40	Identification of risk factors for treatment failure of closed reduction and abduction bracing after first-time total hip arthroplasty dislocation. <i>Archives of Medical Science</i> , 2021, 18, 133-140.	0.9	0
41	The Pertinent Literature of Enhanced Recovery after Surgery Programs: A Bibliometric Approach. <i>Medicina (Lithuania)</i> , 2021, 57, 172.	2.0	10
42	Spinopelvic Dissociation: A Systematic Review and Meta-analysis. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, e198-e207.	2.5	12
43	App-based rehabilitation program after total knee arthroplasty: a randomized controlled trial. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1575-1582.	2.4	25
44	A New Rectus and Sartorius Sparing Approach for Periacetabular Osteotomy in Patients with Developmental Dysplasia of the Hip. <i>Journal of Clinical Medicine</i> , 2021, 10, 601.	2.4	7
45	Impact of the COVID-19 shutdown on orthopedic trauma numbers and patterns in an academic Level I Trauma Center in Berlin, Germany. <i>PLoS ONE</i> , 2021, 16, e0246956.	2.5	23
46	Invited reply to the letter to the editor by McNally et al., 2021. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 256.	1.9	0
47	Public Interest in Knee Pain and Knee Replacement during the SARS-CoV-2 Pandemic in Western Europe. <i>Journal of Clinical Medicine</i> , 2021, 10, 1067.	2.4	5
48	Ceramic-on-Ceramic Bearing in Total Hip Arthroplasty Reduces the Risk for Revision for Periprosthetic Joint Infection Compared to Ceramic-on-Polyethylene: A Matched Analysis of 118,753 Cementless THA Based on the German Arthroplasty Registry. <i>Journal of Clinical Medicine</i> , 2021, 10, 1193.	2.4	5
49	<i>Clostridium difficile</i> septic arthritis and periprosthetic joint infection in a patient with acute lymphoblastic leukaemia, T-/B-lymphocytopenia and hypogammaglobulinemia â€” a case report and review of the literature. <i>Access Microbiology</i> , 2021, 3, 000233.	0.5	0
50	Dual-Energy Computed Tomography in Spine Fractures: A Systematic Review and Meta-Analysis. <i>International Journal of Spine Surgery</i> , 2021, 15, 525-535.	1.5	6
51	Influence of Gender on Occurrence of Aseptic Loosening and Recurrent PJI after Revision Total Knee Arthroplasty. <i>Osteology</i> , 2021, 1, 92-104.	0.7	6
52	Follow-up definitions in clinical orthopaedic research. <i>Bone & Joint Open</i> , 2021, 2, 344-350.	2.6	22
53	Unexpected low-grade infections in revision hip arthroplasty for aseptic loosening. <i>Bone and Joint Journal</i> , 2021, 103-B, 1070-1077.	4.4	17
54	Two-Stage Revision Total Hip Arthroplasty Without Spacer Placement: A Viable Option to Manage Infection in Patients With Severe Bone Loss or Abductor Deficiency. <i>Journal of Arthroplasty</i> , 2021, 36, 2575-2585.	3.1	10

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55	Variation of synovial fluid leucocyte cell count and polymorphonuclear percentage in patients with aseptic revision total knee arthroplasty. <i>Bone & Joint Open</i> , 2021, 2, 576-582.	2.6	5
56	Is implant sonication useful when screening for infection in conversion of prior hip fracture fixation to total hip arthroplasty?. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110281.	1.0	2
57	Development and Implementation of International Curricula for Joint Replacement and Preservation. <i>Orthopedic Clinics of North America</i> , 2021, 52, 27-39.	1.2	0
58	Recommendations for Patients with High Return to Sports Expectations after TKA Remain Controversial. <i>Journal of Clinical Medicine</i> , 2021, 10, 54.	2.4	9
59	Total Hip Replacement influences Spinopelvic Mobility: A Prospective Observational Study. <i>Journal of Arthroplasty</i> , 2021, , .	3.1	11
60	Clinical application of robotic orthopedic surgery: a bibliometric study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 968.	1.9	36
61	A novel treatment for prevention of post-traumatic elbow stiffness using onabotulinum toxin type A: a prospective placebo controlled randomized trial. <i>Acta Orthopaedica Belgica</i> , 2021, 87, 509-520.	0.4	1
62	Correction of excessive intraarticular varus deformities in total knee arthroplasty is associated with deteriorated postoperative ankle function. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 3758-3765.	4.2	11
63	Increased Synovial Inflammatory Markers in Aseptic Total Hip Arthroplasty Dislocation. <i>Journal of Arthroplasty</i> , 2020, 35, 1412-1416.	3.1	4
64	Collateral effect of COVID-19 on orthopedic and trauma surgery. <i>PLoS ONE</i> , 2020, 15, e0238759.	2.5	26
65	Taper corrosion: a complication of total hip arthroplasty. <i>EFORT Open Reviews</i> , 2020, 5, 776-784.	4.1	21
66	Impact of the COVID-19 Pandemic on Orthopaedic and Trauma Surgery in University Hospitals in Germany. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e78.	3.0	64
67	Correlation of the Subjective Hip Value with Validated Patient-Reported Outcome Measurements for the Hip. <i>Journal of Clinical Medicine</i> , 2020, 9, 2179.	2.4	14
68	Periprosthetic fractures of the proximal femur: beyond the Vancouver classification. <i>EFORT Open Reviews</i> , 2020, 5, 449-456.	4.1	12
69	Metal-Specific Biomaterial Accumulation in Human Peri-Implant Bone and Bone Marrow. <i>Advanced Science</i> , 2020, 7, 2000412.	11.2	48
70	Meta-analysis of serum and/or plasma D-dimer in the diagnosis of periprosthetic joint infection. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 298.	2.3	11
71	The Impact of Spinopelvic Mobility on Arthroplasty: Implications for Hip and Spine Surgeons. <i>Journal of Clinical Medicine</i> , 2020, 9, 2569.	2.4	38
72	Metal on Metal Bearing in Total Hip Arthroplasty and Its Impact on Synovial Cell Count. <i>Journal of Clinical Medicine</i> , 2020, 9, 3349.	2.4	1

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73	Bacterial Colonization of Irrigation Fluid during Aseptic Revision Knee Arthroplasty. <i>Journal of Clinical Medicine</i> , 2020, 9, 2746.	2.4	2
74	Tantalum Augments Combined with Antiprotrusion Cages for Massive Acetabular Defects in Revision Arthroplasty. <i>Arthroplasty Today</i> , 2020, 6, 704-709.	1.6	12
75	Implant contamination as a cause of surgical site infection in spinal surgery: are single-use implants a reasonable solution? – a systematic review. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 634.	1.9	19
76	Outcome of spinal implant-associated infections treated with or without biofilm-active antibiotics: results from a 10-year cohort study. <i>Infection</i> , 2020, 48, 559-568.	4.7	23
77	The global state of clinical research and trends in periprosthetic joint infection: A bibliometric analysis. <i>International Journal of Infectious Diseases</i> , 2020, 96, 696-709.	3.3	30
78	Mesenchymal stromal cell and bone marrow concentrate therapies for musculoskeletal indications: a concise review of current literature. <i>Molecular Biology Reports</i> , 2020, 47, 4789-4814.	2.3	25
79	Thermogenic diagnosis of periprosthetic joint infection by microcalorimetry of synovial fluid. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 345.	1.9	10
80	Functional Assessment and Patient-Related Outcomes after Gluteus Maximus Flap Transfer in Patients with Severe Hip Abductor Deficiency. <i>Journal of Clinical Medicine</i> , 2020, 9, 1823.	2.4	8
81	Accuracy of tibial positioning in the frontal plane: a prospective study comparing conventional and innovative techniques in total knee arthroplasty. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 793-800.	2.4	13
82	Synovial Fluid d-Lactate – A Novel Pathogen-Specific Biomarker for the Diagnosis of Periprosthetic Joint Infection. <i>Journal of Arthroplasty</i> , 2020, 35, 2223-2229.e2.	3.1	21
83	Total Hip Arthroplasty for High Hip Dislocation. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 170-183.	0.7	3
84	Effect of total hip arthroplasty on brake reaction time and braking force. <i>HIP International</i> , 2020, , 112070002093663.	1.7	2
85	Low sensitivity of histopathological examination of peri-implant tissue samples in diagnosing postoperative spinal implant infection. <i>Bone and Joint Journal</i> , 2020, 102-B, 899-903.	4.4	10
86	Mesenchymal Stromal Cell-Based Therapy – An Alternative to Arthroplasty for the Treatment of Osteoarthritis? A State of the Art Review of Clinical Trials. <i>Journal of Clinical Medicine</i> , 2020, 9, 2062.	2.4	3
87	Biofilm-active antibiotic treatment improves the outcome of knee periprosthetic joint infection: Results from a 6-year prospective cohort study. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105904.	2.5	22
88	Using Bacteriophages as a Trojan Horse to the Killing of Dual-Species Biofilm Formed by <i>Pseudomonas aeruginosa</i> and Methicillin Resistant <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 695.	3.5	32
89	Human IgA-Expressing Bone Marrow Plasma Cells Characteristically Upregulate Programmed Cell Death Protein-1 Upon B Cell Receptor Stimulation. <i>Frontiers in Immunology</i> , 2020, 11, 628923.	4.8	7
90	Surgeons' Learning Curve of Renaissance Robotic Surgical System. <i>International Journal of Spine Surgery</i> , 2020, 14, 818-823.	1.5	17

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91	Implications for diagnosis and treatment of peri-spinal implant infections – a literature comparison and review. <i>Journal of Spine Surgery</i> , 2020, 6, 800-813.	1.2	5
92	Epidemiology and injury patterns of aerial sports in Switzerland. <i>World Journal of Orthopedics</i> , 2020, 11, 107-115.	1.8	6
93	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
94	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
95	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
96	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
97	Relationship between muscular and bony anatomy in native hips: a theoretical background for approach-specific implant positioning. <i>HIP International</i> , 2019, 29, 147-152.	1.7	2
98	Weight-bearing radiography depends on limb loading. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1470-1476.	4.2	22
99	The worst-case scenario: treatment of periprosthetic femoral fracture with coexistent periprosthetic infection – a prospective and consecutive clinical study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1461-1470.	2.4	12
100	Diagnostic Arthroscopy for Detection of Periprosthetic Infection in Painful Shoulder Arthroplasty. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2571-2577.	2.7	25
101	Long-term antimicrobial suppression prevents treatment failure of streptococcal periprosthetic joint infection. <i>Journal of Infection</i> , 2019, 79, 236-244.	3.3	16
102	Performance of synovial fluid D-lactate for the diagnosis of periprosthetic joint infection: A prospective observational study. <i>Journal of Infection</i> , 2019, 79, 123-129.	3.3	27
103	Orthopaedic registries: the German experience. <i>EFORT Open Reviews</i> , 2019, 4, 401-408.	4.1	25
104	Clinically Asymptomatic Patients Show a High Bacterial Colonization Rate of Osteosynthetic Implants Around the Knee but Not the Hip. <i>Journal of Arthroplasty</i> , 2019, 34, 1761-1766.	3.1	8
105	Assessment of the tibial slope is highly dependent on the type and accuracy of the preceding acquisition. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1691-1697.	2.4	20
106	ESB Clinical Biomechanics Award 2018: Muscle atrophy-related increased joint loading after total hip arthroplasty and their postoperative change from 3 to 50 months. <i>Clinical Biomechanics</i> , 2019, 65, 105-109.	1.2	12
107	High cure rate of periprosthetic hip joint infection with multidisciplinary team approach using standardized two-stage exchange. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 78.	2.3	41
108	Cell therapy to improve regeneration of skeletal muscle injuries. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 501-516.	7.3	99

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109	Management of Chronically Infected Total Knee Arthroplasty With Severe Bone Loss Using Static Spacers With Intramedullary Rods. <i>Journal of Arthroplasty</i> , 2019, 34, 1462-1469.	3.1	24
110	Prediction of time to prosthesis implantation as a function of joint anatomy in patients with developmental dysplasia of the hip. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 471.	2.3	6
111	Bacteriophages as Adjuvant to Antibiotics for the Treatment of Periprosthetic Joint Infection Caused by Multidrug-Resistant <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 64, .	3.2	97
112	Complications of Resection Arthroplasty in Two-Stage Revision for the Treatment of Periprosthetic Hip Joint Infection. <i>Journal of Clinical Medicine</i> , 2019, 8, 2224.	2.4	14
113	Local infiltration anaesthesia versus sciatic nerve and adductor canal block for fast-track knee arthroplasty. <i>European Journal of Anaesthesiology</i> , 2019, 36, 255-263.	1.7	18
114	Enterococcal periprosthetic joint infection: clinical and microbiological findings from an 8-year retrospective cohort study. <i>BMC Infectious Diseases</i> , 2019, 19, 1083.	2.9	28
115	Outcome of short versus long interval in two-stage exchange for periprosthetic joint infection: a prospective cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 295-303.	2.4	39
116	Hip and Knee Section, Diagnosis, Algorithm: Proceedings of International Consensus on Orthopedic Infections. <i>Journal of Arthroplasty</i> , 2019, 34, S339-S350.	3.1	66
117	Origin and characteristics of haematogenous periprosthetic joint infection. <i>Clinical Microbiology and Infection</i> , 2019, 25, 845-850.	6.0	87
118	Outcome of hip and knee periprosthetic joint infections caused by pathogens resistant to biofilm-active antibiotics: results from a prospective cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 635-642.	2.4	56
119	Long-term outcome of pigmented villonodular synovitis of the hip after joint preserving therapy. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 471-477.	2.4	10
120	Rapid detection of periprosthetic joint infection using a combination of 16s rDNA polymerase chain reaction and lateral flow immunoassay. <i>Bone and Joint Research</i> , 2018, 7, 12-19.	3.6	29
121	Alpha Defensin Lateral Flow Test for Diagnosis of Periprosthetic Joint Infection. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 742-750.	3.0	144
122	Antibiotic-induced fever in orthopaedic patientsâ€”a diagnostic challenge. <i>International Orthopaedics</i> , 2018, 42, 1775-1781.	1.9	7
123	Synovial fluid multiplex PCR is superior to culture for detection of low-virulent pathogens causing periprosthetic joint infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 90, 115-119.	1.8	95
124	Injectable autologous chondrocyte implantation (ACI) in acetabular cartilage defectsâ€”three-year results. <i>Journal of Hip Preservation Surgery</i> , 2018, 5, 386-392.	1.3	27
125	Multiplex Polymerase Chain Reaction and Microcalorimetry in Synovial Fluid: Can Pathogen-based Detection Assays Improve the Diagnosis of Septic Arthritis?. <i>Journal of Rheumatology</i> , 2018, 45, 1588-1593.	2.0	18
126	Immunomodulatory placentalâ€”expanded, mesenchymal stromal cells improve muscle function following hip arthroplasty. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 880-897.	7.3	53

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127	Treatment of osteochondral defects with a combination of bone grafting and AMIC technique. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1117-1126.	2.4	20
128	Reverse shoulder arthroplasty: the role of physical therapy on the clinical outcome in the mid-term to long-term follow-up. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1647-1652.	2.4	13
129	The Preoperative Microbial Detection is No Prerequisite for the Indication of Septic Revision in Cases of Suspected Periprosthetic Joint Infection. BioMed Research International, 2018, 2018, 1-7.	1.9	14
130	Is the Enzyme-linked Immunosorbent Assay More Accurate Than the Lateral Flow Alpha Defensin Test for Diagnosing Periprosthetic Joint Infection?. Clinical Orthopaedics and Related Research, 2018, 476, 1645-1654.	1.5	36
131	Immunology Guides Skeletal Muscle Regeneration. International Journal of Molecular Sciences, 2018, 19, 835.	4.1	67
132	Effect of COX-2 inhibition on tendon-to-bone healing and PGE2 concentration after anterior cruciate ligament reconstruction. European Journal of Medical Research, 2018, 23, 1.	2.2	33
133	Do Culture-Negative Periprosthetic Joint Infections Have a Worse Outcome Than Culture-Positive Periprosthetic Joint Infections? A Systematic Review and Meta-Analysis. BioMed Research International, 2018, 2018, 1-12.	1.9	29
134	Orthopedic implant-associated infections caused by Cutibacterium spp. – A remaining diagnostic challenge. PLoS ONE, 2018, 13, e0202639.	2.5	60
135	Cerclages after Femoral Osteotomy Are at Risk for Bacterial Colonization during Two-Stage Septic Total Hip Arthroplasty Revision. Journal of Bone and Joint Infection, 2018, 3, 138-142.	1.5	4
136	An often-unrecognized entity as cause of recurrent infection after successfully treated two-stage exchange arthroplasty: hematogenous infection. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1199-1206.	2.4	12
137	Reverse shoulder arthroplasty: the role of physical therapy on the clinical outcome in the mid-term to long-term follow-up. Archives of Orthopaedic and Trauma Surgery, 2018, 138, 1347-1352.	2.4	8
138	Long-term effects of intravenous iloprost therapy in patients with bone marrow oedema of the hip. Acta Orthopaedica Belgica, 2018, 84, 172-178.	0.4	4
139	OVERLOAD of joints and its role in osteoarthritis. Zeitschrift Fur Rheumatologie, 2017, 76, 1-4.	1.0	1
140	Influence of pelvic tilt on functional acetabular orientation. Technology and Health Care, 2017, 25, 557-565.	1.2	11
141	The influence of applied internal and external rotation on the pivot shift phenomenon. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1106-1110.	4.2	6
142	Increased rate of bacterial colonization on PE-components in total joint arthroplasty: An evaluation through sonication. Technology and Health Care, 2017, 25, 137-142.	1.2	7
143	Is the evaluation of the anterior inferior iliac spine (AIIS) in the AP pelvis possible? Analysis of conventional X-rays and 3D-CT reconstructions. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 975-980.	2.4	7
144	Multi-elemental nanoparticle exposure after tantalum component failure in hip arthroplasty: In-depth analysis of a single case. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2415-2423.	3.3	32

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145	Inadequacy of Joint Aspiration for Detection of Persistent Periprosthetic Infection During Two-Stage Septic Revision Knee Surgery. <i>Orthopedics</i> , 2017, 40, 231-234.	1.1	33
146	Validation of CT image-based software for three-dimensional measurement of acetabular coverage profile. <i>Technology and Health Care</i> , 2017, 25, 989-1004.	1.2	3
147	Reduced culture time and improved isolation rate through culture of sonicate fluid in blood culture bottles. <i>Technology and Health Care</i> , 2017, 25, 635-640.	1.2	13
148	Femoral head necrosis: A finite element analysis of common and novel surgical techniques. <i>Clinical Biomechanics</i> , 2017, 48, 49-56.	1.2	14
149	Kinematic femoral alignment with gap balancing and patient-specific instrumentation in total knee arthroplasty: a randomized clinical trial. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 683-688.	1.4	10
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